

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark:	HOROZ
Supplier's address:	Horoz International SRL, Sos. Bucuresti - Urziceni 34, 77010 Ilfov Comuna Afumati, Afumati, RO
Model identifier:	001-006-0015 4200K

Light source type:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap type (or other electric interface):	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (Φ_{use}), indicating if it refers to flux in a sphere (360°), wide cone (120°) or narrow cone (90°)	1,500 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or range of correlated colour temperatures	4,200
On-mode power (P_{on}), expressed in W	15.0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0.00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to nearest integer, or range of CRI-values that can be set	82
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (mm): Height / Width / Depth	138 / 70 / 70	Spectral power distribution in the range 250-800 nm, at full load	See image on page 3
Equivalent power claim	Yes	If yes, equivalent power (W)	99
Chromaticity coordinates (x and y)			0.375 / 0.377

Parameters for LED and OLED light sources

Parameter	Value	Parameter	Value
R9 colour rendering index value	1	Survival factor	1.00
Lumen maintenance factor	0.95		
Displacement factor ($\cos \phi_1$)	0.80	Colour consistency in MacAdam ellipses	2
Claim that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	-	If yes, replacement claim (W)	-
Flicker metric (Pst LM)	1.0	Stroboscopic effect metric (SVM)	0.4

(a) '-' : not applicable

(b) '-' : not applicable

Spectral power distribution

